



```
SSSSSSSS  AAAAAA  VV      VV  FFFFFFFF
SSSSSSSS  AAAAAA  VV      VV  FFFFFFFF
SS        AA      AA  VV      VV  FFFFFFFF
SS        AA      AA  VV      VV  FFFFFFFF
SS        AA      AA  VV      VV  FFFFFFFF
SSSSSSS   AA      AA  VV      VV  FFFFFFFF
SSSSSSS   AA      AA  VV      VV  FFFFFFFF
          SS  AAAAAA  VV      VV  FFFFFFFF
          SS  AAAAAA  VV      VV  FFFFFFFF
          SS  AA      AA  VV      VV  FFFFFFFF
          SS  AA      AA  VV      VV  FFFFFFFF
SSSSSSSS  AA      AA  VV      VV  FFFFFFFF
SSSSSSSS  AA      AA  VV      VV  FFFFFFFF
```

```
RRRRRRRR  EEEEEEEEE  QQQQQQ
RRRRRRRR  EEEEEEEEE  QQQQQQ
RR        RR  EE      QQ      QQ
RR        RR  EE      QQ      QQ
RR        RR  EE      QQ      QQ
RR        RR  EE      QQ      QQ
RRRRRRRR  EEEEEEEEE  QQ      QQ
RRRRRRRR  EEEEEEEEE  QQ      QQ
RR        EE      QQ      QQ
RR        EE      QQ      QQ
RR        EE      QQ      QQ
RR        EE      QQ      QQ
RR        EE      QQ      QQ
RR        EE      QQ      QQ
RR        EE      QQ      QQ
RRRRRRRR  EEEEEEEEE  QQQQ  QQ
RRRRRRRR  EEEEEEEEE  QQQQ  QQ
```

Version: 'V04-000'

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FACILITY: DSR (Digital Standard RUNOFF) / DSRPLUS

## ABSTRACT:

This require file defines part of the storage area for the .SAVE commands. Whole structures that will be saved will remain as they are; this Require file just defines the additional area for the single items. Items declared in the SAVE area do not also appear in the SAVEALL area because the SAVEALL area includes all that is in the SAVE area.

ENVIRONMENT: Transportable BLISS

AUTHOR: Ken Alden

CREATION DATE: December 1982

## MODIFIED BY:

007 REM00007 Ray Marshall 1-June-1984  
Completely reworked the definitions of SAVE\_LENGTH &  
SAVEALL\_LENGTH. At least one size was wrong and hard coded  
values were used where a XSIZE could have been used. Now  
XSIZE is used for most of the items. Also, the XPD\_ items  
are now conditionalized for DSRPLUS.

006 KFA00006 Ken Alden 30-Sep-1983  
Moved the HCT items to the .SAVE list and three SCA items to  
the .SAVE ALL item block.



005 KFA00005 Ken Alden 27-Jul-1983  
Added gca\_flag\_cmd to the save list.

004 KFA00004 Ken Alden 5-Jul-1983  
Added SCA\_FLAGS to the save list.

003 KAD00003 Keith Dawson 07-Mar-1983  
Global edit of all modules. Updated module names, idents,  
copyright dates. Changed require files to BLISS library.

\$FIELD SAVE\_FIELDS =

```
SET
save$g_sca_cc_ok      = [$INTEGER],
save$g_sca_justify    = [$INTEGER],
save$g_sca_fill       = [$INTEGER],
save$g_sca_crock      = [$INTEGER],
save$g_sca_lm         = [$INTEGER],
save$g_sca_rm         = [$INTEGER],
save$g_sca_spacing    = [$INTEGER],
save$g_sca_ker        = [$INTEGER],
save$g_sca_autotitle  = [$INTEGER],
save$g_sca_flags      = [$INTEGER],
save$g_gca_width      = [$INTEGER],
save$g_gca_flag_cmd   = [$INTEGER],
save$g_gca_keep       = [$INTEGER],
save$g_hct_hd_case    = [$INTEGER],
save$g_hct_date       = [$INTEGER],
save$g_hct_headers    = [$INTEGER],
save$g_hct_nmpg_np    = [$INTEGER],
save$g_hct_number_pag = [$INTEGER],
save$g_hct_subtitle   = [$INTEGER],
save$g_phan_llines    = [$INTEGER]
TES;
```

LITERAL

save\$k\_length = \$FIELD\_SET\_SIZE;

MACRO

```
$save_block =
BLOCK [save$k_length] FIELD (save_fields) %;
```

\$FIELD saveall\_fields =

```
SET
saveall$g_gca_autojust = [$INTEGER],
saveall$g_gca_autopara = [$INTEGER],
saveall$g_gca_autosubt = [$INTEGER],
saveall$g_gca_autotabl = [$INTEGER],
saveall$g_gca_case     = [$INTEGER],
saveall$g_gca_xcase    = [$INTEGER],
saveall$g_phan_header  = [$INTEGER],
saveall$g_phan_paging  = [$INTEGER],
saveall$g_sca_cc_ok    = [$INTEGER],
saveall$g_sca_bar_char = [$INTEGER],
saveall$g_sca_period   = [$INTEGER]
TES;
```

LITERAL

saveall\$k\_length = \$FIELD\_SET\_SIZE;

MACRO

```
$saveall_block =
BLOCK [saveall$k_length] FIELD (saveall_fields) %;
```

MACRO

```
$XWDS (defined_as) =
XSIZE(defined_as)/XUPVAL %;
```

LITERAL

```
! Counting %BPVALs (or fullwords) since the size of this literal
! is in %BPVALs.
```

```
save_length = $XWDS(flag_table [flag_count]) ! The flag table.
+ $XWDS(COUNTED_LIST [max_tabs]) ! The TAB table
+ $XWDS(atable_definition) ! The Action TABLE
+ $XWDS(VECTOR [pdt_size]) ! paragraph definition tables
+ save$k_length, ! SAVE block
```

```
%(
  save_length = (flag_count * 2) ! Each flag uses Two fullwords
+ max_tabs+2 ! maximum tabs plus two control words
+ CH$ALLOCATION(atable_length) ! Each Action TABLE entry is one byte
+ pdt_size ! paragraph definition tables
+ $XWDS($save_block), ! SAVE block
)%
```

```
saveall_length = save_length ! Size of SAVE structure
+ saveall$k_length ! SAVEALL block
+ 6 ! for DATTIM
+ $xwds(counted_list [max_levels]) ! for HLLIST
+ (max_ecc * ecc$k_length) ! for ECC
```

```
%IF DSRPLUS %THEN
```

```
+ 1 ! for XPD_FLAGS
+ $xwds(fixed_string [xp_string_size]) ! for XPD_APPEND
```

```
%FI
```

```
%( Alternate definitions:
```

```
+ max_levels+2 ! for HLLIST
+ (xp_string_size/%UPVAL)+4 ! for XPD_APPEND
```

```
)%
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SET

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